

PTO/SB/21 - MODIFIED
09/2004

A.F. I.W.

**TRANSMITTAL
FORM***to be used for all correspondence after initial filing*

Application Number	09/678,953
Filing Date	10/03/2000
First Named Inventor	Kubota et al.
Group Art Unit	1632
Examiner Name	Thaian N. Ton
Attorney Docket Number	320727.50401

Total number of pages in this submission including transmittal

2

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached - Check <input checked="" type="checkbox"/> Amendment / Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (identify below):
REMARKS		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	KATTEN MUCHIN ZAVIS ROSENMAN		
Signature			
Printed Name	Gilberto M. Villacorta	Sunit Talapatra	
Reg. No.	34,038	54,482	Date: 11/29/2004

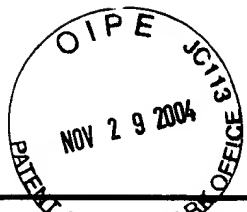
CERTIFICATE OF FACSIMILE TRANSMISSION OR MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO via fax no. (703) 872-9306 or is being deposited with the US Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or Printed Name

Date:



FEE TRANSMITTAL for FY 2005

Effective 10/01/2005. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**45.00**

Complete if Known

Application Number	09/678,953
Filing Date	October 3, 2000
First Named Inventor	Kubota et al.
Examiner Name	Thaian N. Ton
Art Unit	1632
Attorney Docket No.	320727.50401

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:

Deposit Account

50-1710

Account Name

KATTEN MUCHIN ZAVIS ROSENMAN

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge above Deposit Account with any additional fees necessary UNDER 37 CFR 1.16 AND/OR 1.17 to maintain pendency of this application.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
1001 790	2001 395			Utility filing fee	
1002 350	2002 175			Design filing fee	
1003 550	2003 275			Plant filing fee	
1004 790	2004 395			Reissue filing fee	
1005 160	2005 80			Provisional filing fee	
SUBTOTAL (1)					(\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee	Fee Paid
Total Claims	31 - 26** = 5	9.00	45.00
Independent	6 - 7** = 7	0	0
Multiple Dependent			0

Large Entity		Small Entity		Description
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9			Claims in excess of 20
1201 88	2201 44			Independent claims in excess of 3
1203 300	2203 150			Multiple dependent claim, if not paid
1204 88	2204 44			** Reissue independent claims over original patent
1205 18	2205 9			** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**45.00**

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Description	Fee Paid
Fee Code \$	Fee Code \$	Fee Code \$	Fee Code \$		
1051 130	2051 65			Surcharge - late filing fee or oath	
1052 50	2052 25			Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130			Non-English specification	
1812 2,520	1812 2,520			For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*			Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*			Requesting publication of SIR after Examiner action	
1251 110	2251 55			Extension for reply within first month	
1252 430	2252 215			Extension for reply within second month	
1253 980	2253 490			Extension for reply within third month	
1254 1,530	2254 765			Extension for reply within fourth month	
1255 2,080	2255 1,040			Extension for reply within fifth month	
1401 340	2401 170			Notice of Appeal	
1402 340	2402 170			Filing a brief in support of an appeal	
1403 300	2403 150			Request for oral hearing	
1451 1,510	1451 1,510			Petition to institute a public use proceeding	
1452 110	2452 55			Petition to revive - unavoidable (1.17(l))	
1453 1,370	2453 685			Petition to revive - unintentional (1.17(m))	
1501 1,370	2501 685			Utility issue fee (or reissue)	
1502 490	2502 245			Design issue fee	
1503 660	2503 330			Plant issue fee	
1460 130	1460 130			Petitions to the Director	
1807 50	1807 50			Processing fee - provisional app (1.17(q))	
1806 180	1806 180			Submission of Information Disclosure Stmt	
8021 40	8021 40			Recording each patent assignment per property (times number of properties)	
1809 790	2809 395			Filing a submission after final rejection (1.129(a))	
1814 110	2814 55			Statutory Disclaimer	
1801 790	2801 395			Request for Continued Examination (RCE)	
1802 900	1802 900			Req for expedited examination - Design App	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**0**

SUBMITTED BY

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Date: NOVEMBER 29, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Kubota *et al.*

Application No.: 09/678,953

Group Art Unit: 1632

Filed: October 3, 2000

Examiner: Thaian N. Ton

For: METHODS OF ISOLATING BIPOTENT
HEPATIC PROGENITOR CELLS

Attorney Docket No. 320727.50401

AFTER FINAL AMENDMENT UNDER 37 C.F.R. § 1.116

MAIL STOP AF

P.O. BOX 1450

Commissioner for Patents

Alexandria, VA 22313

Sir:

In response to the Final Office Action dated September 23, 2004, and in accordance with the Rules of Practice, please enter the following amendments and consider the remarks below.

Amendments to the Claims are reflected in the listing of claims which begin on page 2.

Remarks begin on page 8 of this paper.

11/30/2004 EABUBAK1 00000078 09678953

01 FC:2202

45.00 DP